

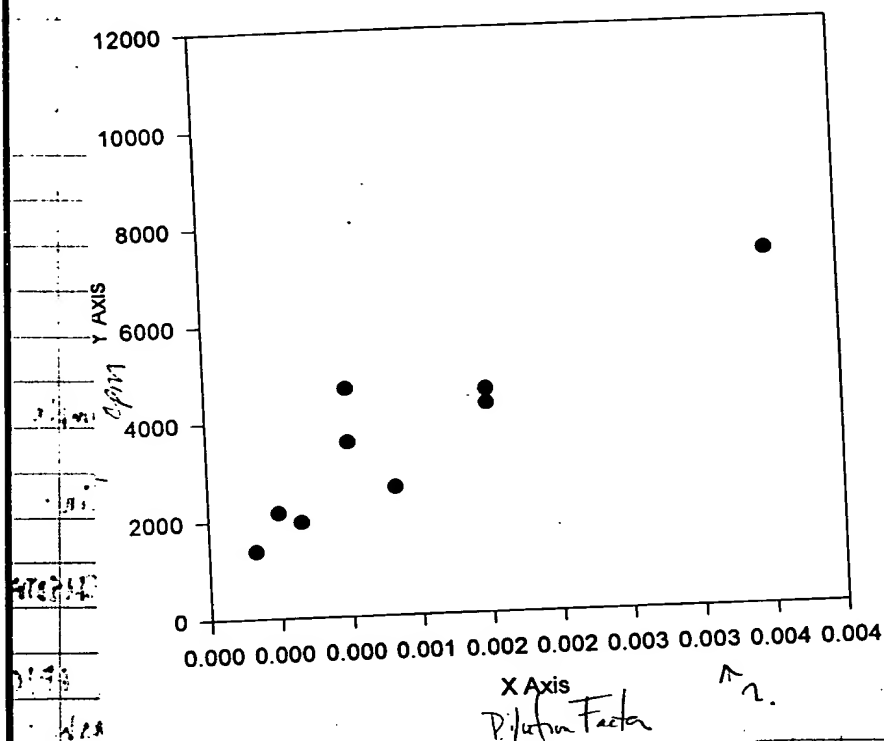
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1	78.00	3.3×10^{-4}
2	1374.00	6.6×10^{-4}
3	1962.00	1.33×10^{-3}
4	2618.00	5×10^{-4}
5	2154.00	1×10^{-3}
6	3560.00	2×10^{-3}
7	4262.00	1×10^{-3}
8	4660.00	2×10^{-3}
9	4556.00	
10	7268.00	
11	91772.00	
12	92240.00	
13	84328.00	

$$8.9450(25) = 55.9 \text{ cpm/} \mu\text{mol} \text{ -S.A.}$$

40,000

$$\text{Factor} = 1.61 \times 10^{-5}$$

$$(1.61 \times 10^{-5})(\text{cpm})(\text{DF}) = \text{U}/\mu\text{L}$$

1.1

48

1.2

heat

↓

8990

U/μL

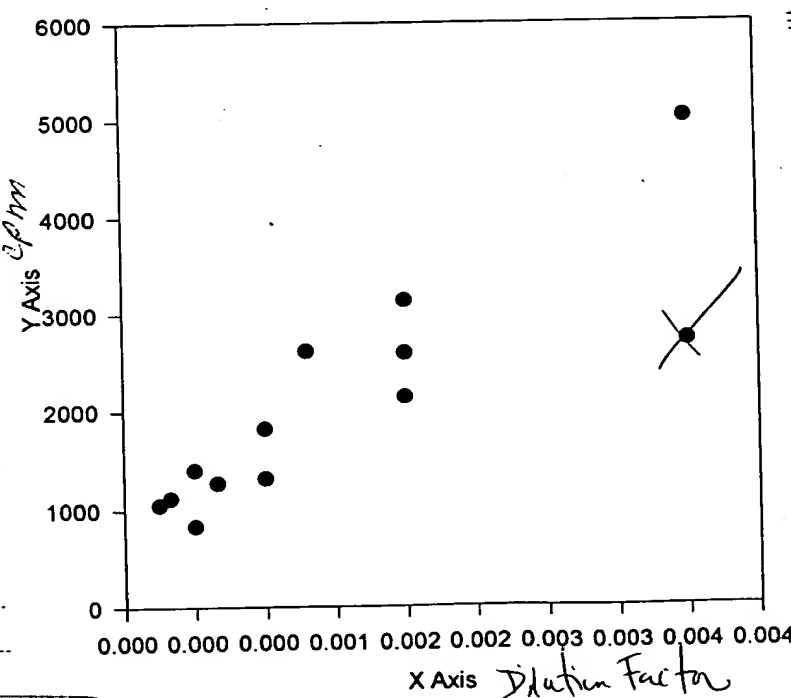
+

SP

6

↓

TC1



3AM CPM1

1	160.00	
2	1052.00	2.5×10^{-4}
3	828.00	5×10^{-4}
4	1116.00	3.3×10^{-4}
5	1262.00	6.6×10^{-4}
6	2624.00	1.3×10^{-3}
7	1392.00	5×10^{-4}
8	1310.00	1×10^{-3}
9	3140.00	2×10^{-3}
10	1820.00	1×10^{-3}
11	2134.00	2×10^{-3}
12	5024.00	4×10^{-3}
13	2592.00	2×10^{-3}
14	2716.00	
15	78604.00	

$$\text{S.A.} \sim 48.7 \text{ cpm/} \mu\text{mol}$$

Factor =

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Date

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SAM	CPM1	U/ μ l
1	15576.00	54.5
2 $\frac{1}{500}$	27100.00	35.1
3	8258.00	28.1
4	2950.00	57.3
5 $\frac{1}{1000}$	3538.00	34.5
6	43578.00	
7	84.00	
8	71702.00	
9	70582.00	
10	67698.00	

500 μ l mix + 1.1 μ l dGTPd32D \downarrow
48 μ l mix+ 1.204 μ l enzyme \downarrow

10 min @ 24°C

 \downarrow quench w/ 10 μ l 5M EDTA + ice \downarrow Spot 20 μ l on GF/C - TCA wash

SA - 43.7 cpm/pmol

factor = 2.0×10^{-5} $(\text{cpm})(\text{factor})(\text{DF}) = \text{U}/\mu\text{l}$

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Witnessed & Understood by me, 

Date

2/27/95

Invented by



Recorded by

Date

12/94